



## PATENT ABSTRACTS OF JAPAN

(11) Publication number: **10030501 A**(43) Date of publication of application: **03.02.98**(51) Int. Cl. **F02M 1/12**(21) Application number: **08187296**(22) Date of filing: **17.07.96**(71) Applicant: **HONDA MOTOR CO LTD**(72) Inventor:  
**UEDA MINORU  
AKAMATSU SHUNJI  
KATO MITSUO  
TABATA MICHIO****(54) STARTING FUEL REGULATOR OF CARBURETOR****(57) Abstract:**

**PROBLEM TO BE SOLVED:** To attain improvement in control accuracy of a supply quantity and concentration of starting mixture as well as to enable a number of parts to be reduced, in a starting fuel regulator of a carburetor in which the opening area of a starting fuel passage is controlled by a sliding throttle valve driven by a temperature sensing driving means.

**SOLUTION:** A carburetor main body 10 is provided with an upper-stream side opening adjusting passage part 18 which is communicated with the upper-stream end of a main intake air passage for constituting a part of a starting intake air passage 15<sub>1</sub>, provided with a lower-stream side opening adjusting passage part 19, which is communicated with the lower-stream end of the main intake air passage for constituting a part of the starting intake air passage 15, and provided with a slide-movement hole 20 opened to the inside surface by making those opening adjusting passage parts 18, and 19, to face each other. And a slide-movement throttle valve 23 is slidably fitted in the slide-movement hole 20 so as to directly control the opening area of the opening part to the slide-movement hole 20 so that the bottom part of the lower- stream side opening adjusting

passage part 19, may be arranged downward by setting a step difference from the bottom of the upper-stream side opening adjusting passage part 18<sub>1</sub>.

COPYRIGHT: (C)1998,JPO

